In this variation B has the choice of three leads, but if he tries the heart Z passes it up, letting Y ruff it, and Y comes through B with another spade. If B will not trump B with another spade. If B will not trump it Y shifts to the diamond, so that Z can trump and lead another heart for Y to shutting out B's small trump

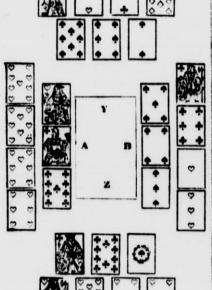
in all variations.

In all these plays, it will be seen, the trick is to reduce B's series of three honors in trumps to two trumps that are not in sequence, so that he cannot make a trick with the smallest trump and loses one of

sequence, so that he cannot make a trick with the smallest trump and loses one of the higher ones.

Correct solutions from:
J. W. Cromwell, Jr., Jay Read, D. A. W.,
T. C. Rhodes, S. K., Arthur L. Browne,
J. Warren Merrill, N. S. Willetts, W. P. W.,
John F. Hubbard, W. A. Bulkley, Charles
Waters, Elizabeth T., Murray Corrington,
Wallace Hampton, Walker McMartin, F.
G.T. H. H. Miller, Charles M. Root, James
Hunter, Helen Dorsey, Edith T. Behrens,
Ellen Jennings, Tramp Trays, Ida E.
Cotton, C. N. Hilton, W. R. McCoy, B. K.
Van Nortwick, H. W. Coleman, George A.
Thorpe, M. D. Ayers, Florence Rosebud
Svivester, Charles Westbury, Burton D.
Blair, Robert R. Taft, B. F. Knipe, R. C. S.,
Nathan H. Norris, Little John, James
Steen, J. B. Hill, William H. Haynes, E. C.
Norman, H. T. Green, H. E. W. A. J.
Schmutz, J. W. Wortz, A. I. Strasburger,
G. T. Forbes, Henry Andresen, Fred
Adams, Milton C., Ishell, John W. Low,
A. Battell, C. F. Johnson, O. H. Boston,
N. D. Burt, M. E. J., William Forsythe,
Penrose Angwin, Thomas Rogers, H. K.
Thaw, Edwards, G. B. Hotchkiss, D. C.
Shanks, J. L. Scott, G. G. J., B. L. Monkhouse, Kirkman and Gurney, Dr. George
C. Bailey, Marion L. Clark and J. G. Walsh.

house, Kirkman and Gurney, Dr. George C. Bailey, Marion L. Clark and J. G. Walsh Here is a problem with some interest-ing variations in the defence:



Clubs are trumps and Z is in the lead Y and Z want four of these tricks against any defence open to A and B. How do they get them?

one is on the wrong track.

Following this process with the figures already reasoned out, we are able to fill in a number of the digits sought in the answer, the transparent sheet looking something like this:



- 5 - 2 6 - g If we are correct in assuming that the right hand figures in lines a and b are 3 and 2, then 2 must be the right hand figure in line d; then the missing figure between 6 and 2 on line b must be, 4 because that is the only multiple of 3 which will give 2 as the last figure in line d. This dis-

PROBLEMS FOR SUN READERS

covery of 4 fills in four more places in the above diagram.

As we already have the multiplication of 6 in line b with the 3 in line a., the figure to the right in line e must be 8 and 1 to carry and the next operation must be 6×5+1=31, which fixes the letter S as 1 and we can fill in those three places in the diagram.

to the right in line e must be 8 and 1 to 8.4 million. AT BRIDGE.

Contest of Trumps Winds Up the Last Series of Ten Problems—Something New for the Class in Arithmetical Cryptograms—End of Chess Games.

Bridge problem No. 120, which finished the last series of ten, was a study in tenace systion, the object being to make two of Z's trumps tenace over two of B's, on as to prevent B from getting more than two trump tricks on the hand, there being no hope for anything in the plain is for Z to start with the acc of hearts, upon which Y can discard a small spade. Z follows the heart with the diamond, so as to put Y in the lead. Y now comes through B's trumps with the king of spades, and B can pass it, or trump it the four is evidently useless be will trumphigh or pass, and whichever he does, Z will discard a heart, refusing to overtrump.

If we suppose B to trump with the jack and hold the trick, his most natural continuation is a high trump, which Z wins with the acc. Z now leads another heart and Y trumps. B may as well overtrump, or Y will come through him with another spade.

Now if B leads the diamond. Z trumps it made lets Y ruff a third round of bearts, and B's four of trumps falls to Z's seven at the end. If B leads his remaining trump instead of the diamond. Z trumps it the four is evidently useless before, Z letter, and B's four of trumps falls to Z's seven at the end. If B leads his remaining trump instead of the diamond. Z trumps it and lets Y ruff a third round of bearts, and B's four of trumps falls to Z's seven the lets Z ruff the last diamond.

Several solvers bring about the same result by starting with a semal heart, still keeping his acc of hearts, which establishes the auit in his hand, as he can catch A's last heart.

Still others start with the diamond, by wins with the ece, and the spade come through with the spade king. In this variation B has the choice of three can come through with the spade king. In this variation B has the choice of three can come through with the spade king. In this vari

TSIB UNEO UCTJ IBST JSSE

TEUEUB There are a number of peculiar and puzzling things about this little sum, all of which solvers will have to figure out for themselves. If the letters spell anything their order is not the order of the digits that are the answer to the

CHESS ENDINGS.

The position shown in chess problem No. 120, printed two weeks ago, is taken from a game between Paulsen and Bier, played in the Hamburg tournament in 1885. Paulsen captured white's KKtP, as anticipated, and this followed:

White.

QxP ch

Qx-Kts ch

K-R

Q-Kts ch

KxQ

If RxQ the result is the same; white draws by stalemate.

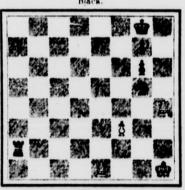
Correct solutions from:

G. T. Cunningham, Dr. A. H. Baldwin, Mate Ho! H. K. Thaw, Milton C. Isbell and B. F. Willcox.

Here is an interesting end game which should be particularly instructive to the

should be particularly instructive to the

novice in chess tactics, because it is in just such positions as this that the beginner usually goes to pieces for want of sufficiently careful examination of the possibilities of the position. CHESS PROBLEM NO. 123.



It is black's move and it is evident that he is about to play KtxP, forking both your rooks and threatening mate into the bargain. After the knight captures your pawn what will be your reply?

[BROOKLYN ADVERTISEMENTS. T is uncomfortable to laugh when you wans
to on account of having
poor teeth. Do not have
poor teeth. There is absolutely no reason for it.
Come to us and we will
show you how your teeth
can be made perfect and
how little it will cost you.

J. HOYT. DENTIST,

Boastiful Artificial Teeth 86, 98 810 a Set.

TEETH EXTRACTED WITHOUT PAIN.

Toeth Filled 81.

All Work Warranted.

RKANSAS CITY HUMILIATED

Fortunately, Though, the Ozark Man Drank Before Proposing to Play Poker.

For the first time in many days old man Greenlaw sat alone in his little saloon on the levee in Arkaneas City while the shades of evening were thickening into a long time before that one or more of his friends had dropped in soon after supper, and by the time artifical light was needed there would be enough poker players in the saloon to entertain any stranger who might come in with a yearning for excitement and some confidence in his knowledge of the great

American game. Naturally enough the four men who with old man Greenlaw made up the combination were individuals of note. Jim Blaisdell, whose unexampled dexterity enabled him to do stunts undetected that were well calculated to destroy faith in human nature, was a steady, slender, impassive person who never showed exwho was gifted with unswerving accuracy

who was gifted with unawerving accuracy and employed incredibly expeditious methods in his manipulation of weapons and cards alike.

Joe Bassett, whose physical prowess had secured for him the proud position of Sheriff, was valuable indeed by reason of his excellent understanding of the game of draw poker as it was played by his associates, but he was invaluable in such cases as a sometimes required quick action of a more or less belligerent character. His was the rare distinction of never having suffered defeat in a personal encounter, though he had engaged in hundreds of them.

Jake Winterbottom had many attributes that endeared him to his friends, but perhaps the most salient of these was his absolute imperturbability. No happenng disturbed him. None even surprised him, and in the infinite variety of circumstances in which the game of poker abounds no situation found him unprepared.

And Sam Pearsall, the fourth member of the notable group, while he was possibly the least aggressive of all in his style of play, was unquestionably the best man in seven States in the matter of understanding what action was desirable on his part, regardless of the cards the time.

Not unnaturally, then, the old man was perturbed in spirit when, for the first

angels, as the Good Book says. Spit it out. I sho' would be pleased. "Oh. I don't know." said Mr. Pepper

Mebbe we'd better have a drink first off. Mo' 'n likely vo' all 'll need a stimylant." "Yo' talk sho' is full o' surprise." said the old man, more and more interested. "but, anyways, a drink's al'ays in order."

"Well," said the latter, with some hesitation, "I don't know's there's anythin' much to it, but nigh about all the citizens o' this here town 'pears to be crazy drunk up to the hotel. Th' on'y two sober men I seen up there was the landlord an' the man that's buyin'. I reckon there must be some kind of a leak some'res about him, seein' he's drinkin' as much as any on 'em, an' his liquor don't take no holt

on him."
"Sho' must be capable if he c'n outdrink some o' the citizens hereabouts," said the old man, "but I reckon he'll go under afo' Winterbottom or Bassett if them two stacks up ag'in him."

"Oh, I don't know," said Mr. Pepper.

"When I looked in Winterbottom was

layin' on the flo' an' Bassett was kind o' reachin' out fo' breath. An' Pearsall an' Blaisdell was both dead to the world." "O' cose," said the old man doubtfully, "th' ain't no knowin' whether yo' all is lyin' or not. If y' ain't it goes to show how the Good Book is right when it says

From the Lewiston Journal.

Over eighty magnificent elm trees were sacrificed in the recent Bangor fire. Only such trees as were entirely giadled. "But," he continued, and as he spoke

strange exclamations, cheers and con-versation of a ribald character. And as it became almost an intolerable din the door opened and the room was almost

immediately filled. At the head of the disorderly proce came a gigantic stranger, whose appear-

ance indicated great enjoyment.
"Howdy, pard!" he exclaimed, reaching out a huge paw toward old man Greenlaw, who sidestepped a little in the direction of the corner where his bungstarter stood. "I'm a wildcat f'm th' Ozarks," continued the stranger, "an' I'm kind o'

jumpin' 'round fo' 'xcitement. "I seen yo' was some kind o' vermint when yo' come in," said the old man peevishly, "an' I mought ha' knowed yo was outer th' Ozarks f'm yo' size. How

the time.

Not unnaturally, then, the old man was perturbed in spirit when, for the first time in many moons, there was no indication of the regular nightly gathering in his salcon. To him entered Mr. Owen his seldom greeted with enthusiasm, but whom the old man seemed glad to see this time.

"Sho' is good to see somebody come in." he said. "I was gettin' that blue moulded what I was thinkin' o' whistlin', up some yaller dog fo' comp'ny. I reckon yo' all ain't no wuse in that 'd be."

"Oh, I don't know," said Mr. Pepper.

"Mebbe yo' all mought think I was consideable wuse if I was to tell yo' what I done heerd a spell ago."

"Yo' don't!" exclaimed the old man admiringly. "I reckon if yo' all was to say somepin' what 'd give me a wuse notion o' yo' all 'n what I've ala'ys helt, it 'd be somepin' transcendin' the voice o' angels, as the Good Book says. Spit it and his tongue.
"I reckon," he continued, "some o' the

and he set out the glasses and drank at "Don't say no mo'," interposed the old man, "or I'll call yo' a liar, big as yo' be. There's some things I can't stand fo'."
And he sidled over toward his bungstarter.
"Oh. very well." said the stranger.
"If yo' feel that away let's have a few mo' drinks, yo' an' me, an' I'll take the next boat."

"I reckon we uns has done entertained

"I reckon we uns has done entertained a angel unawares, as the Good Book says," soliloquized the old man after the stranger had departed. "But there's one thing to be thankful fo', and that is how he done his drinkin' afo' he p'posed playin' poker. The repitation o' th' town sho' has done suffered enough. If he'd ha' set into a game there wouldn't ha' been nothin' on it left."

Trolley Disturbs Marine Cable.

From the Scientific American.
Recently it was found that the opera telegraph cable at Cape Town, South Africa, was interfered with by a trolley line. The shore end of the submarine cable for the length of a mile was at a mean distance of half a mile from the trolley line.

As a remedy a second or dummy cable with an earthplate was laid as nearly as possible over the old-one and thiseffectually cancelled the disturbances. Observations made in London have shown that the earth's magnetic field is disturbed over the whole neighbirhood of the City and South London Electric Railroad, and in the United States the utility of our magnetic observatories has more than once been threatened by the trolley. telegraph cable at Cape Town, South Africa

Wolves of a Kansas County. From the Topeka Capital.

drunk at th' expense o' this here stranger amount has been paid in bounty for wolf and I ain't sayin' but what that's proper and coyote scalps by County Clerk Sourk

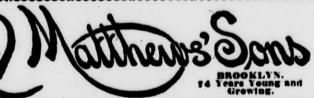


TONICS FOR OUR LITERATURE of that man who sits in the window. He would seem to be the most vital figure that man who sits in the window. He would seem to be the most vital figure that may be seem to be the most vital figure. The work of that man who sits in the window. He would seem to be the most vital figure that he was a shalled to make the matter with American literature? The work of the Conquered. has just published a new novel, "The Visioning," In the Glaspell is slight in build, is in her and work of political news for one of the Davesport of political news for one of the Davesport of political news for one of the Davesport of political news for one of the manual of the conquered. The work of the seem public to unbattute short at the was enabled to substitute short at the was enab was outer th' Ozarks f'm yo' size. How come yo' didn't stay to home?"

"Couldn't get liquor enough," said the stranger with a boisterous laugh. "We uns is done drinked up all there was up to the hotel, an' they tell me there's mo' to be had here. Fetch it out." And se slammed a wad on the bar of a size sufficient to dispel the old man's ill temper sudenly and completely.

To this day men speak with awe of the revel that ensued. It had been thought before that that Arkanass City had citizens who were capable of absorbing as much stimulant as any who could be found in the Southern States and that being understood it was supposed that no one from anywhere gould outdo them in the consumption of ardent spirits, but even the most notable among them faltered and staggered and fell, while the stranger drank on merrily, with an appearance with American literature?"

BROOKLYN ADVERTISEMENTS.



THE DOUBLE

chases before 12 and Single Stamps after may be exchanged for free goods in the Premium Parlor.

> CREX RUGS. Green, red and brown.

GREAT MID-SEASON SALE Carpets, Rugs, Matting & Linoleum All Carpets Made, Laid and Lined Free.

18c., 21c., 25c., 33c., 35c. ye Japanese Matting Rugs, 27x54 In., 19c.; 36x72 In., 29c.; 6x9 Ft., \$1.29; 9x12 Ft., \$2.98

Brass Beds and Bedding.



White Enamel Beds from \$1.98 Steel Springs from \$1.98 Brass Beds, 2 inch posts, from. \$6.98 Box Springs from 89.98 Cotton top Mattress, from....\$2.25 Pillows, A. C. A. tick, from ... 55c Safety Cribs from \$3.50 Iron Couches from...... 85.75 Box Couches from \$7.98 Nottingham Sash Lace 15c Grade

Rough Natural Color Pongee Silk. \$1.25 Spot Proof Habutai Wash Silk, 49c. Yd. Cream, black, navy, etc. Silk Brilliant Scarfings.

Newest designs for scarfs. 29e and 38c yard.

The Sun.

Daily :: Sunday :: Evening

Where We Ship Goods Free Outside Greater New York.

On Long Island we deliver all goods free of charge by our own wagons.

On all purchases we prepay express, freight or mail charges to all points in Maine, New Hampshire, Vermont, Rhode Island, Massa-chusetts, Connecticut, Delaware, New York, New Jersey and Pennsylvania.

On all prepaid or charge purchases of \$500 and over we prepay either express, freight or mail charges to all points in Ohio, Maryland, Virginia, West Virginia, District of Columbia, North Carolina and South Carolina.

Mackinaw Refrigerators LIFT TOP STYLE.

Capacity, High. Wide. Deep. Price.
35 lbs. 41 inch 26 inch 16 inch 10.85
50 lbs. 43 inch 25 inch 17 inch 15.49
75 lbs. 47 inch 29 inch 18 inch 17.95 APARTMENT STYLE. Ice.
Capacity. High. Wide. Deep.
75 lbs. 55 inch 27 inch 20 inch
100 lbs. 57 inch 31 inch 20 inch
125 lbs. 52 inch 35 inch 22 inch
200 lbs. 58 inch 39 inch 24 inch **Guaranteed Garden Hose** Matthews' Guaranteed Lawn Mowers.

Plain bearings:
12 Inch 14 inch 15 inch 18 inc Ba. 25 Ba

1 gal. 2 gal. 3 gal. 4 gal 4 gal Traveling Trunks.

Our special, two strap, fron bound decitray, Excelsion lock, fron bottom: 28 30 32 34 36 38 6.7057 05

Branch Offices A DVERTISEMENTS and

subscriptions may be left at these offices, where the rates are the same as those charged at main office.

New York City-Wall Street Men may leave subscriptions and advertisements at the Wall Street office, 25 Broad Street. Telephone 2200 Beekman. 1364 Broadway, near 37th Street. 263 West 125th Street.

George H. Alcorn, Eastern Representative, 405 Tribune Building. Telephone 2991 Beekman.

Brooklyn-106 Livingston Street, near Court Street. Boston, Mass. - Room 26, Globe Building, Washington Street - T. P. Harrison. Chicago, III. - 1002-1004 Tribune Building-Guy S. Osbern.

Atlantic City, N. J.-Walter E. Edge.

London, England-Dorland Special Agency, 3 Regent Street.